



FEMA



Prepared by
Brian Hoeth

FEMA Region 6 Weather Threat Briefing

Tuesday April 27, 2021

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh.



NWSSouthern

www.weather.gov/srh

Summary of the Upcoming Week



SR ROC
REGIONAL OPERATIONS CENTER

- **Isolated to scattered severe thunderstorms expected this afternoon and tonight across portions of W/NW TX, the TX Panhandle into much of OK. Severe storms possible tomorrow for SW/Central/N TX into OK.**
- **Isolated heavy rainfall/flash flooding possible late this afternoon into tonight across portions of TX & OK. Heavy rain/flood threat increases and expands across TX, OK, and AR tomorrow & lingers into Thursday for AR into the Arklatex.**
- **Critical fire weather conditions across E NM, W TX and the TX/OK Panhandles today.**

FEMA Region 6 Threat Matrix

Apr 27, 2021 - May 1, 2021



SR ROC
REGIONAL OPERATIONS CENTER

DAY / THREAT	Tue	Wed	Thu	Fri	Sat
Severe Storms	W/NW TX, TX Panhandle, OK	SW/Cntrl/N TX, OK			
Heavy Rain / Flash Flooding	TX, OK	S-Cntrl/Cntrl/N TX, Cntrl/E OK, W AR	AR into the Arklatex		
Fire Weather	E NM, W TX, TX/OK Panhandles	W TX			
Tropical Winds / Surge					
Winter Weather					
River Flooding	SW LA	OK, AR, TX, SW LA	OK, AR, TX, S LA	OK, AR, TX, S LA	OK, AR, TX, S LA
	LA, AR, ETX				

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

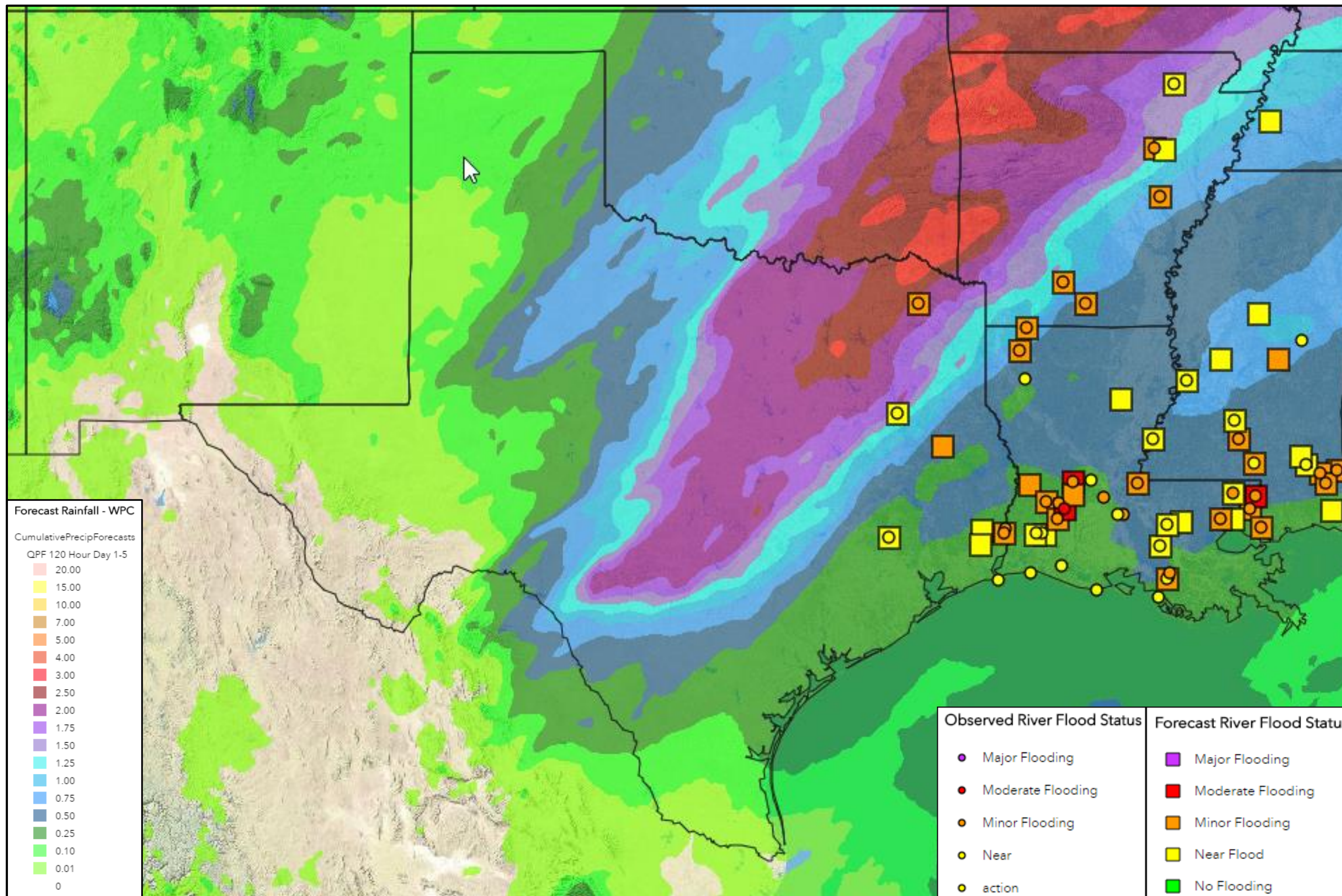
For more details on the colors in the threat matrix refer to the last slide in this briefing.

5-Day Precipitation Forecast & River Flood Status



SR ROC
REGIONAL OPERATIONS CENTER

Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



A couple points on the Calcasieu River in SW LA are in moderate flood or expected to rise into moderate flood over the next few days; impacts are mainly to roads.

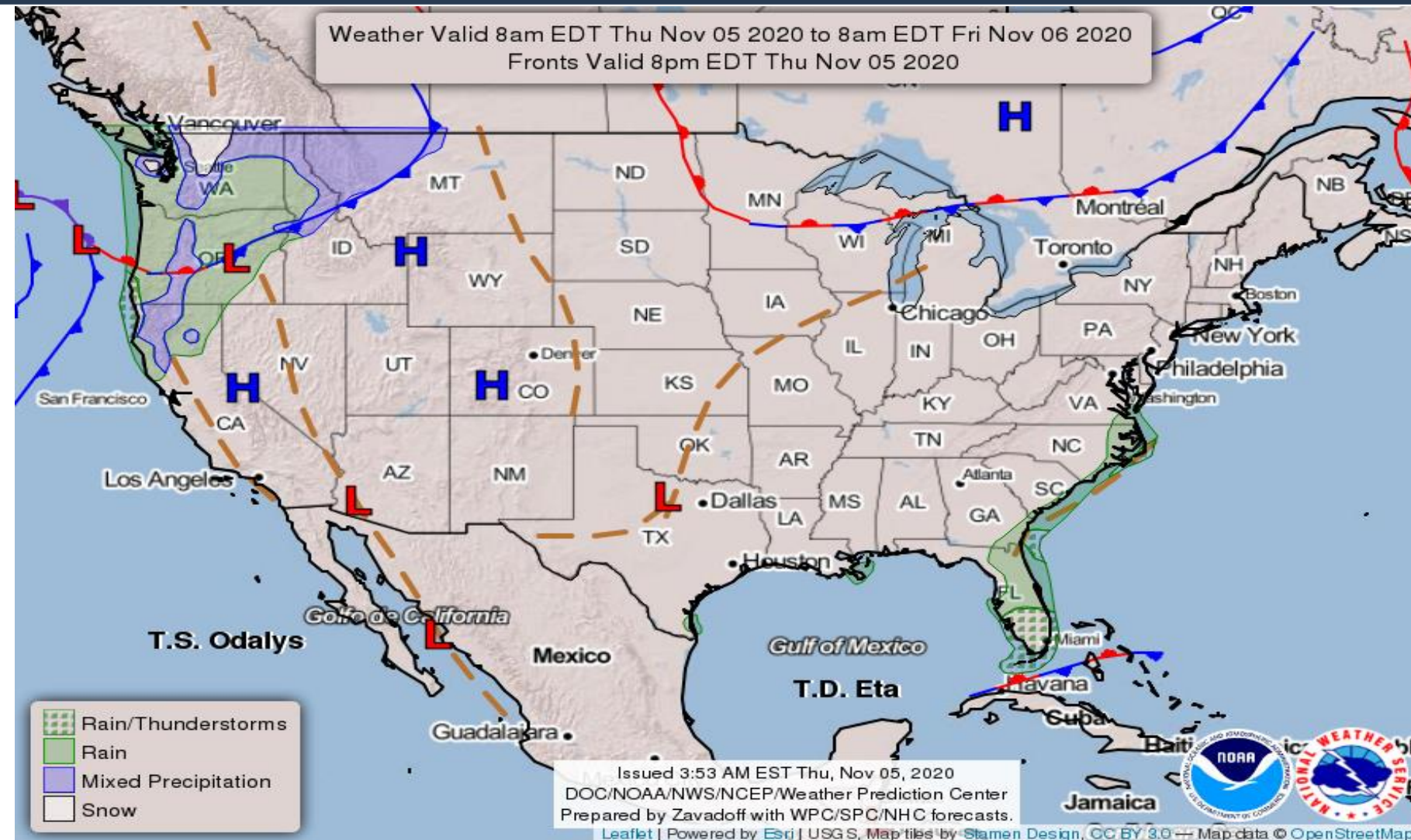
The Pearl River in SE LA is expected to rise just into moderate flood stage by Thursday; impacts are to roads, woodlands and crop acreage.

Minor river flooding continues elsewhere across LA, AR, and E TX with impacts to roads and agricultural/recreational areas.

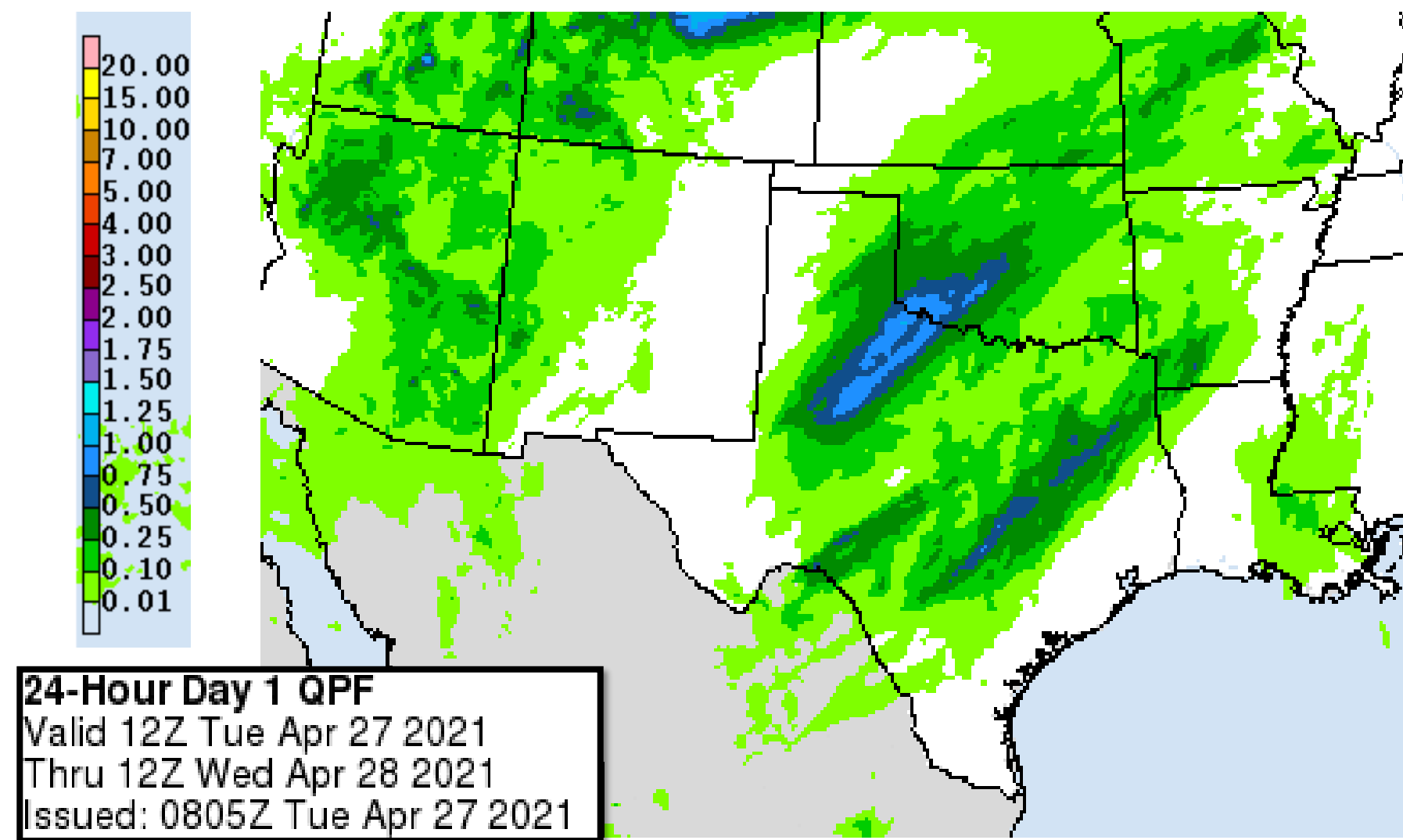
Next round of rainfall (depicted on this map) is expected late today through Thursday and this may prolong ongoing river flooding and also cause additional river flooding in OK, TX and AR. Significant flooding is possible in eastern OK.

Today's Weather

Forecast Chart



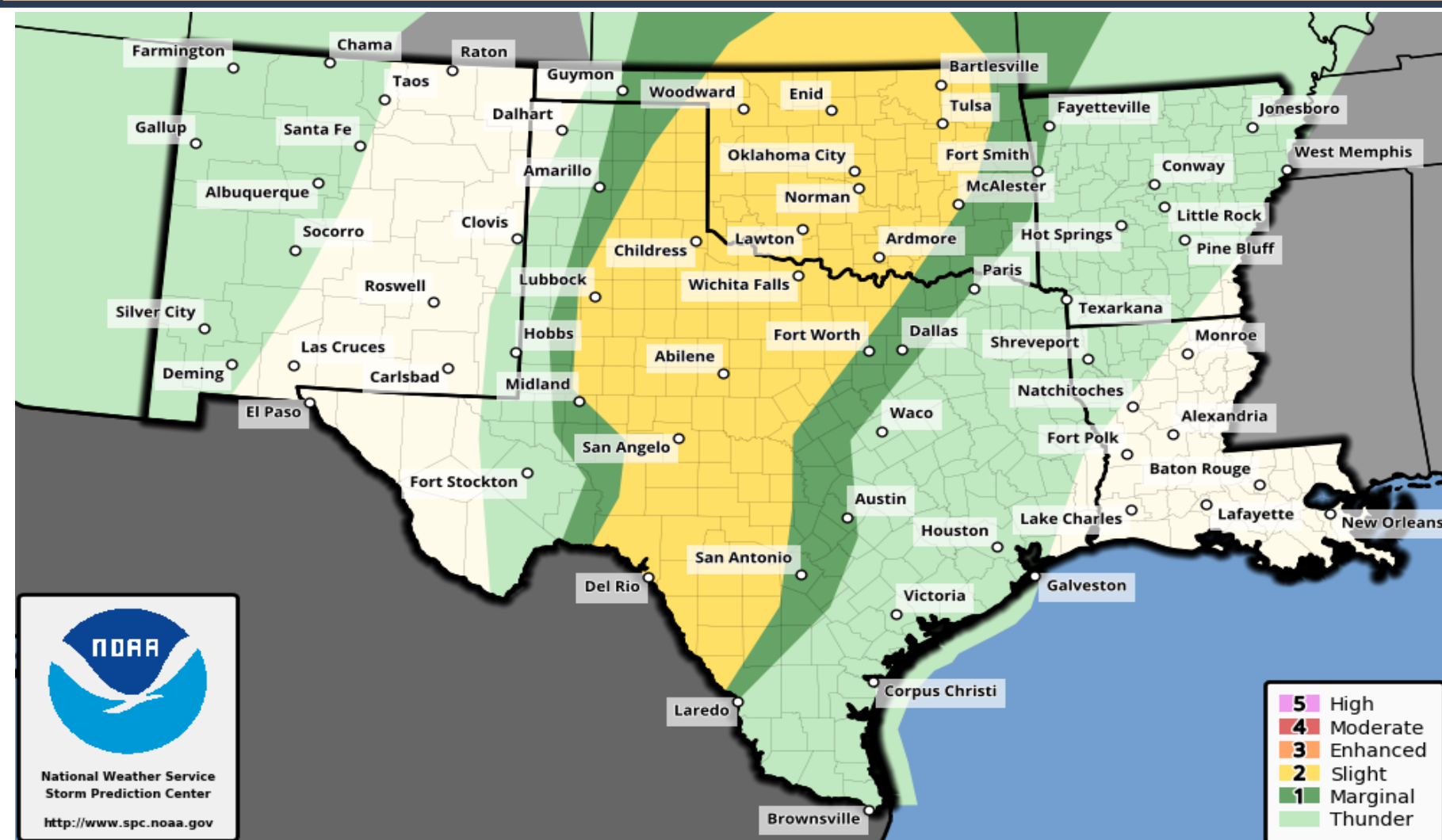
Forecast Rainfall



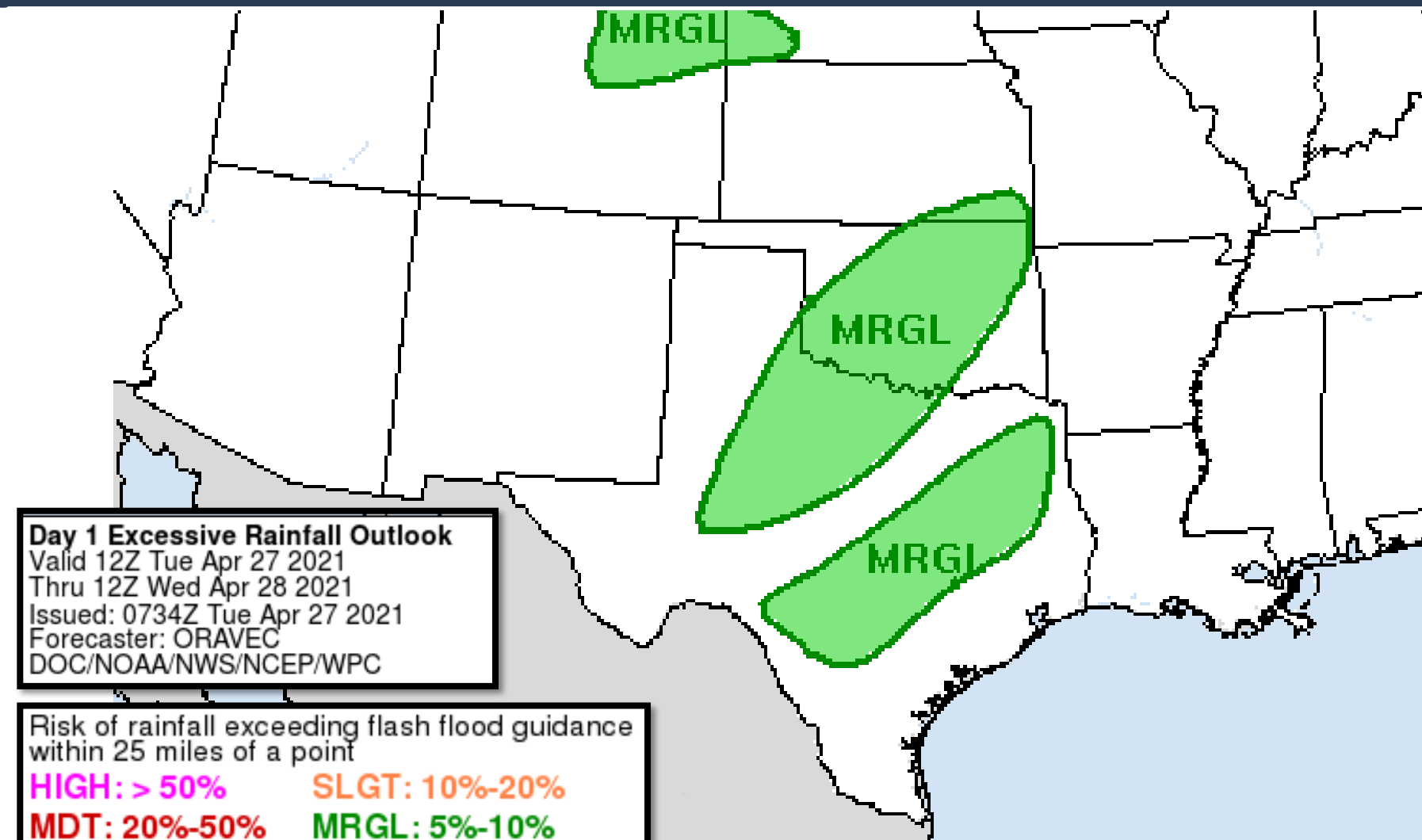
Isolated to scattered severe thunderstorms expected this afternoon and tonight across portions of W/NW TX, the TX Panhandle into much of OK. Threats include large hail, damaging winds, and a few tornadoes.

Isolated heavy rainfall/flash flooding possible late this afternoon into tonight across portions of TX & OK.

Severe Weather Outlook



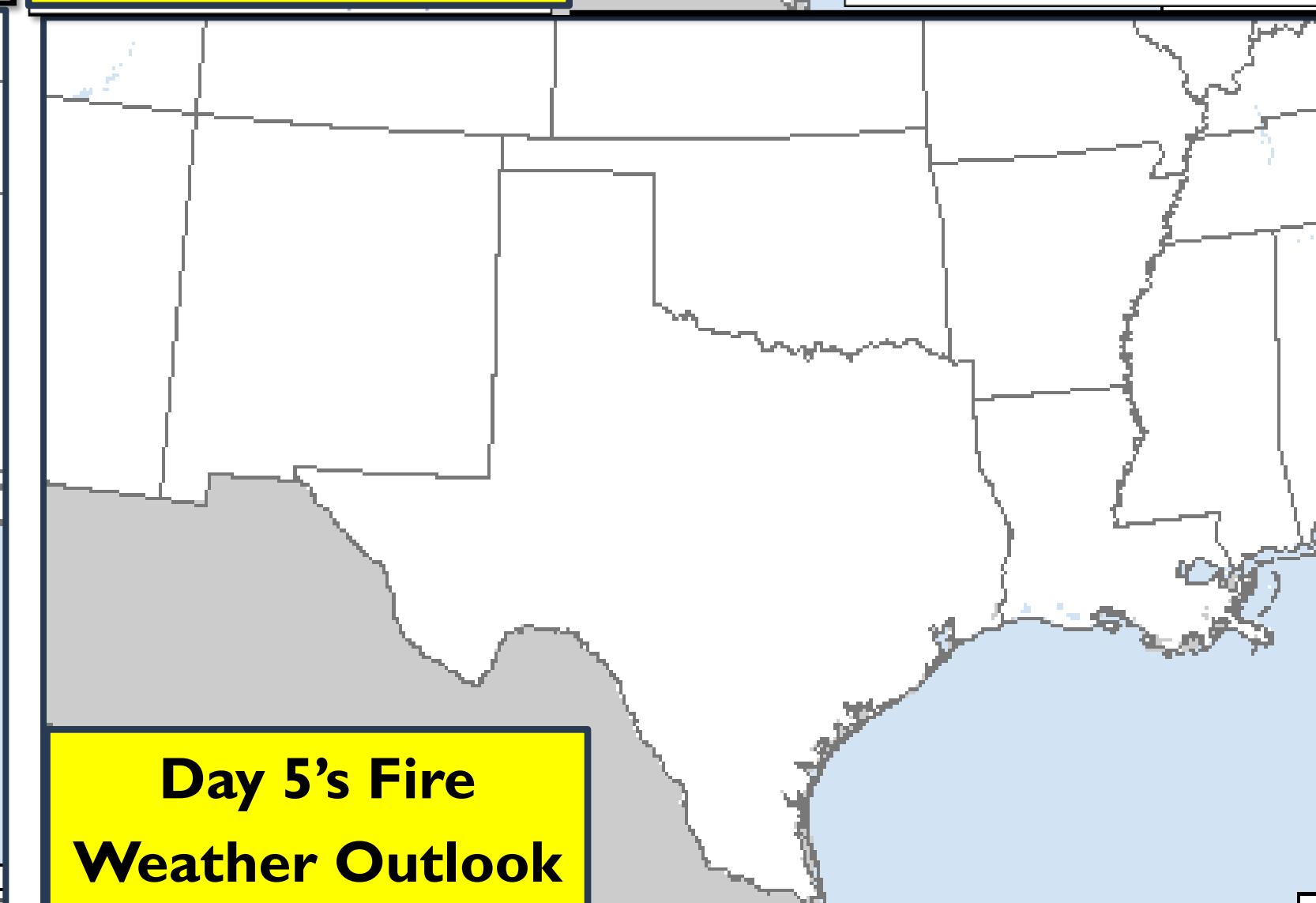
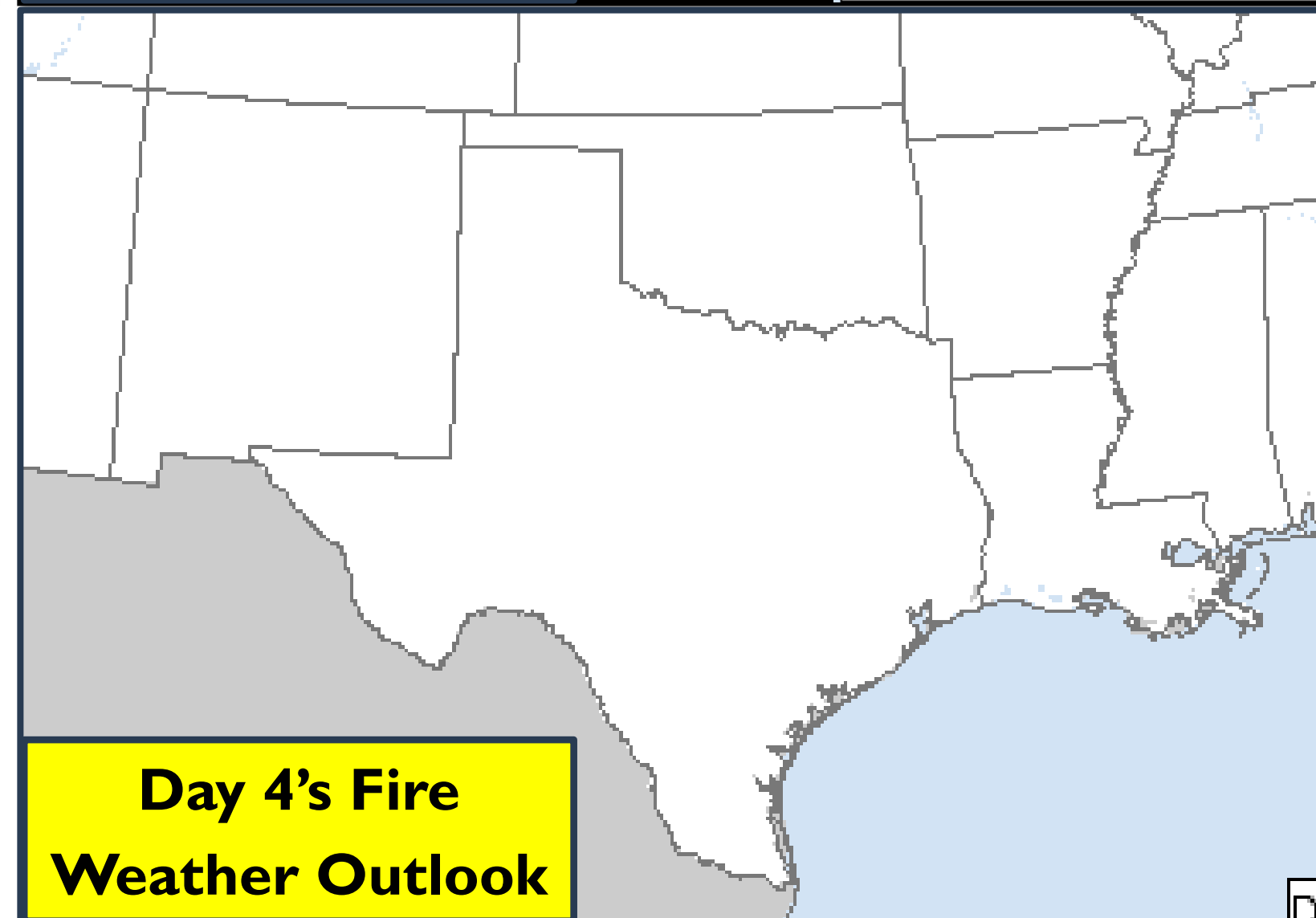
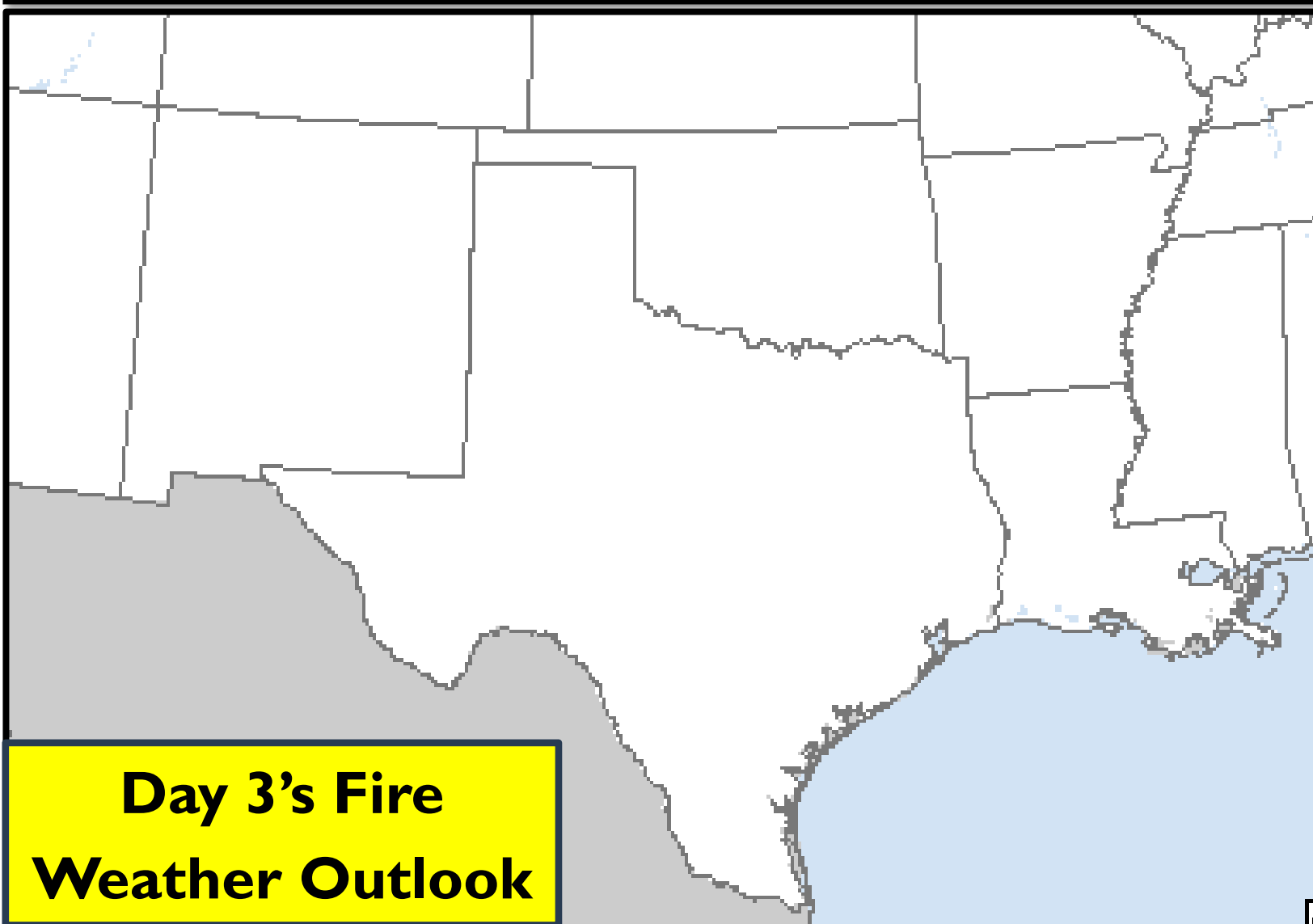
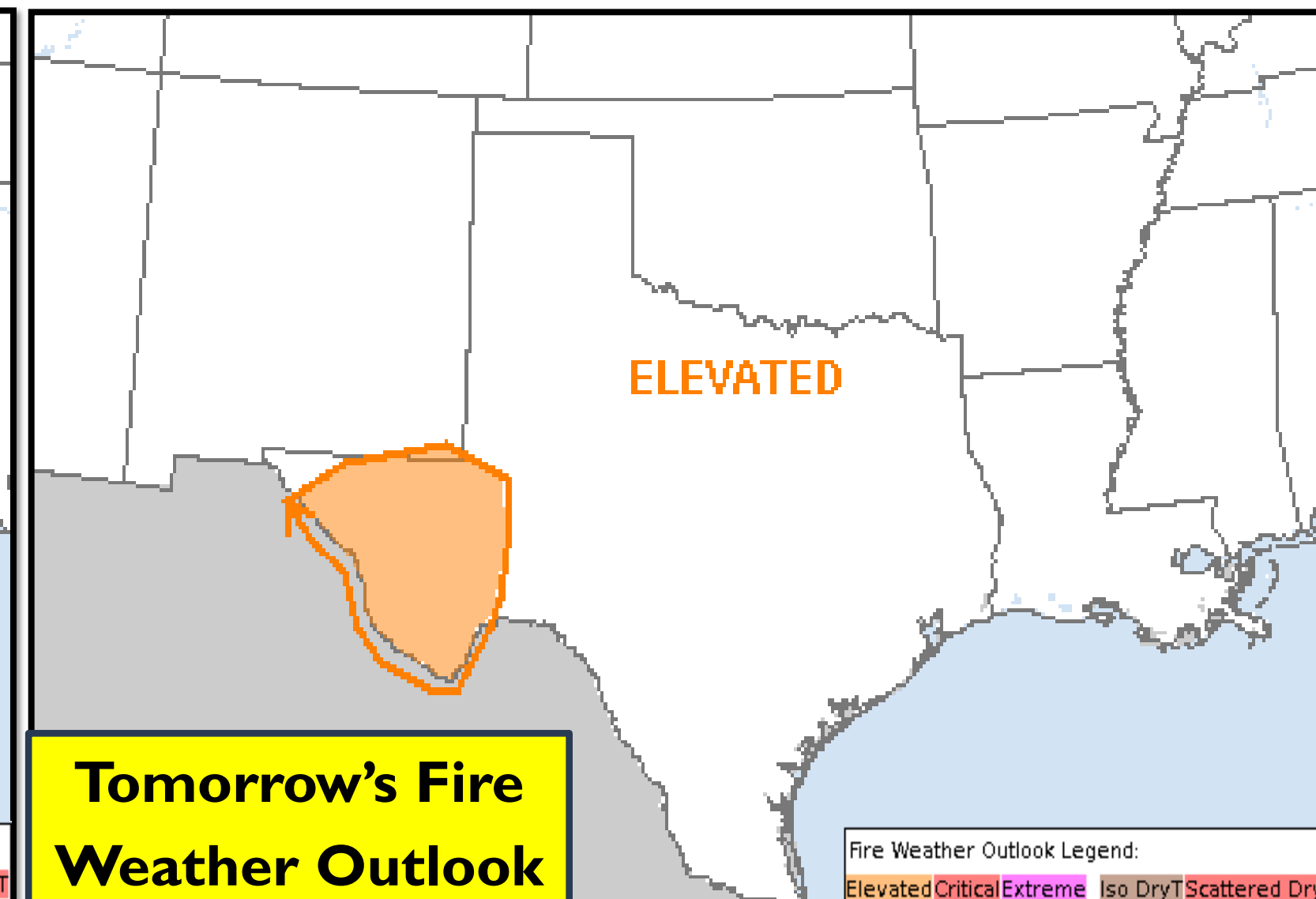
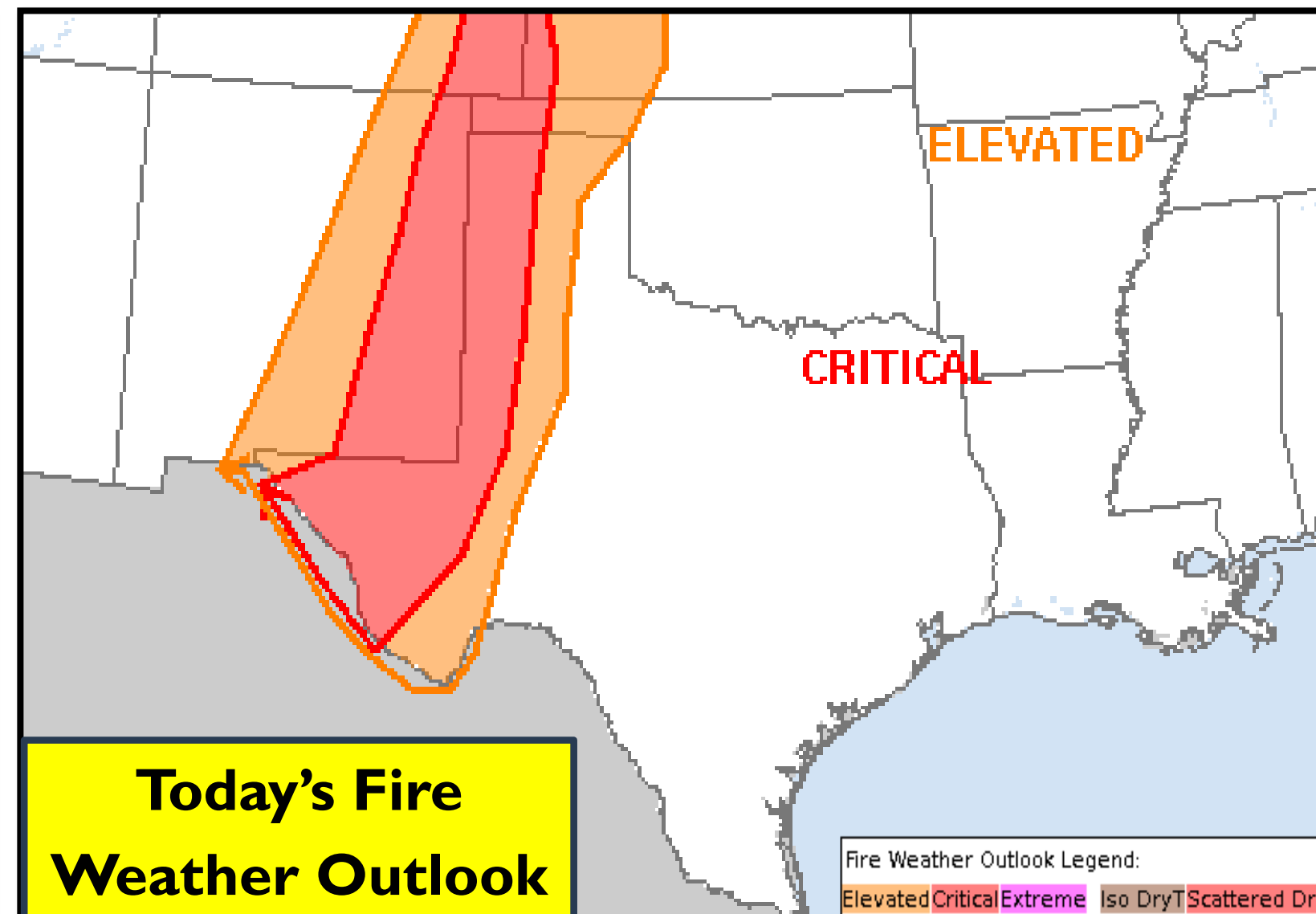
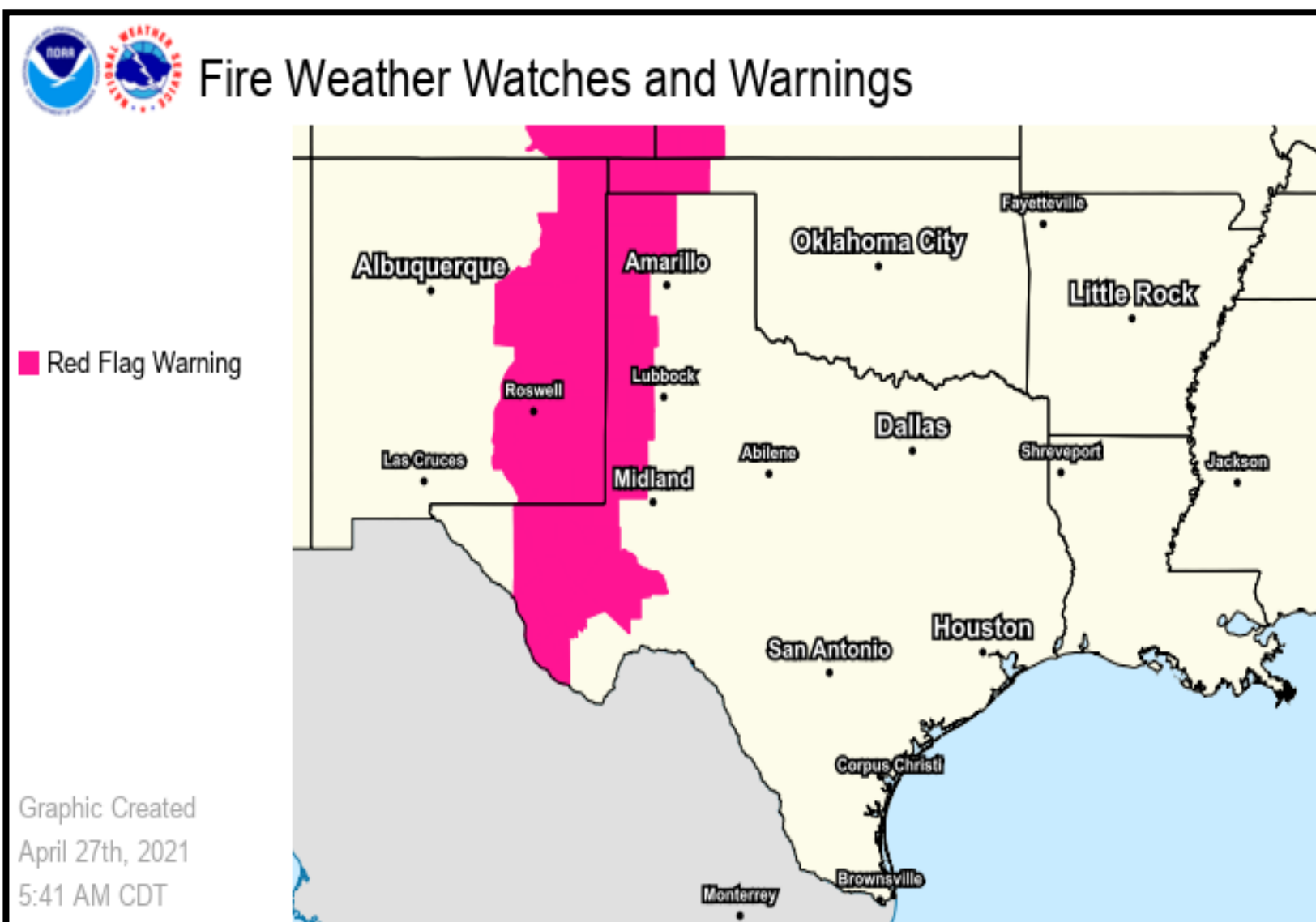
Excessive Rainfall Outlook



Fire Weather Outlooks



SR ROC
REGIONAL OPERATIONS CENTER

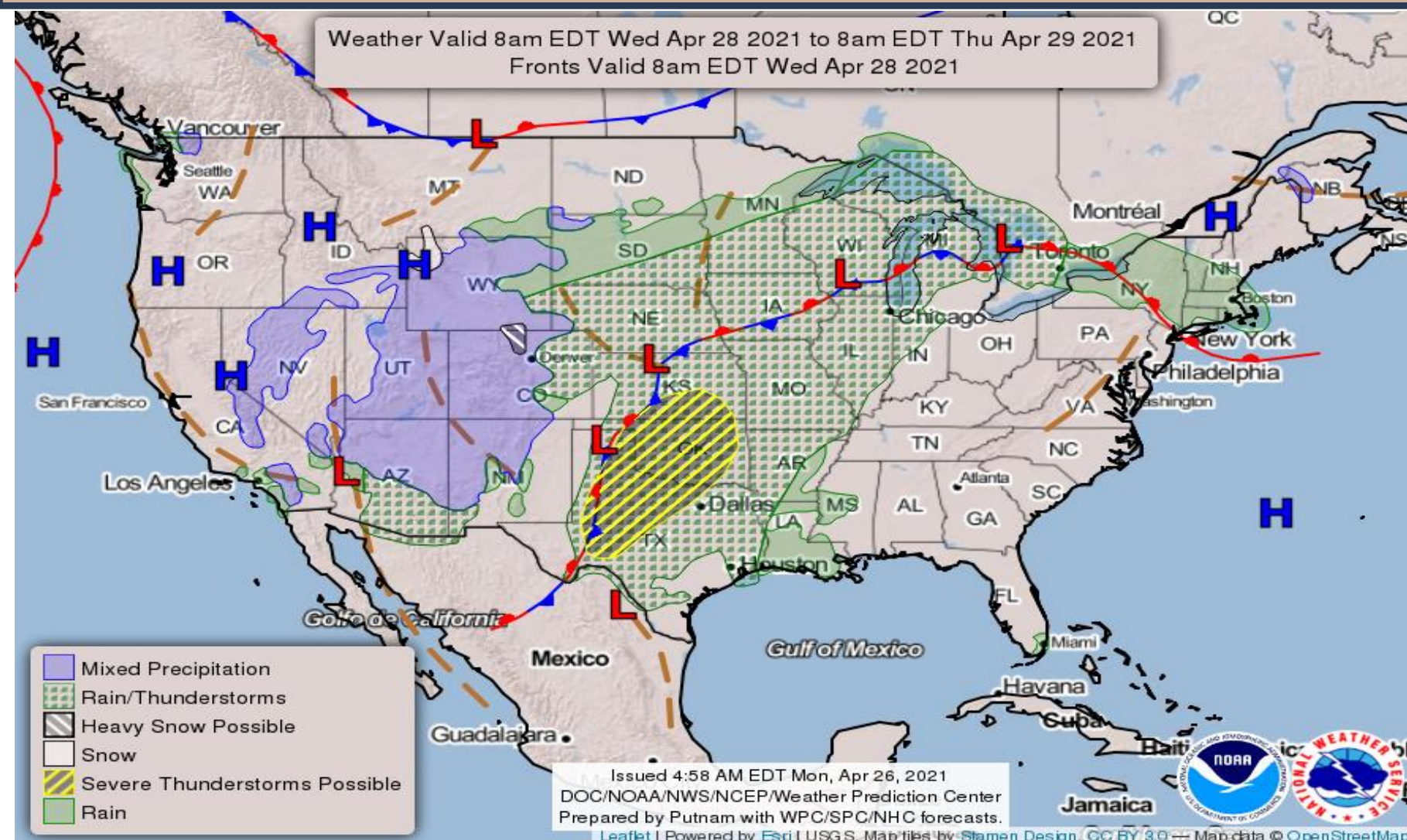


Tomorrow's Weather

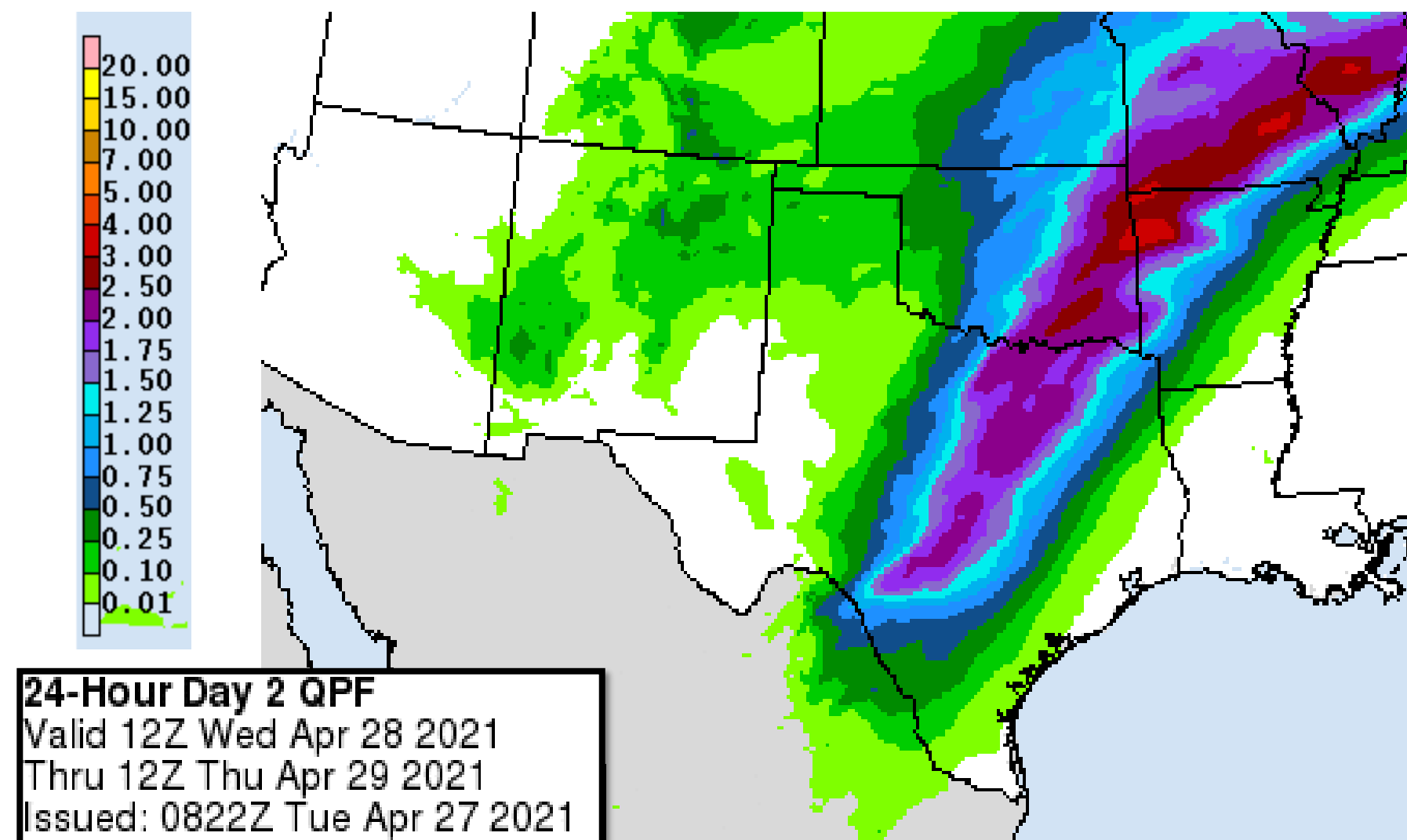


SR ROC
REGIONAL OPERATIONS CENTER

Forecast Chart



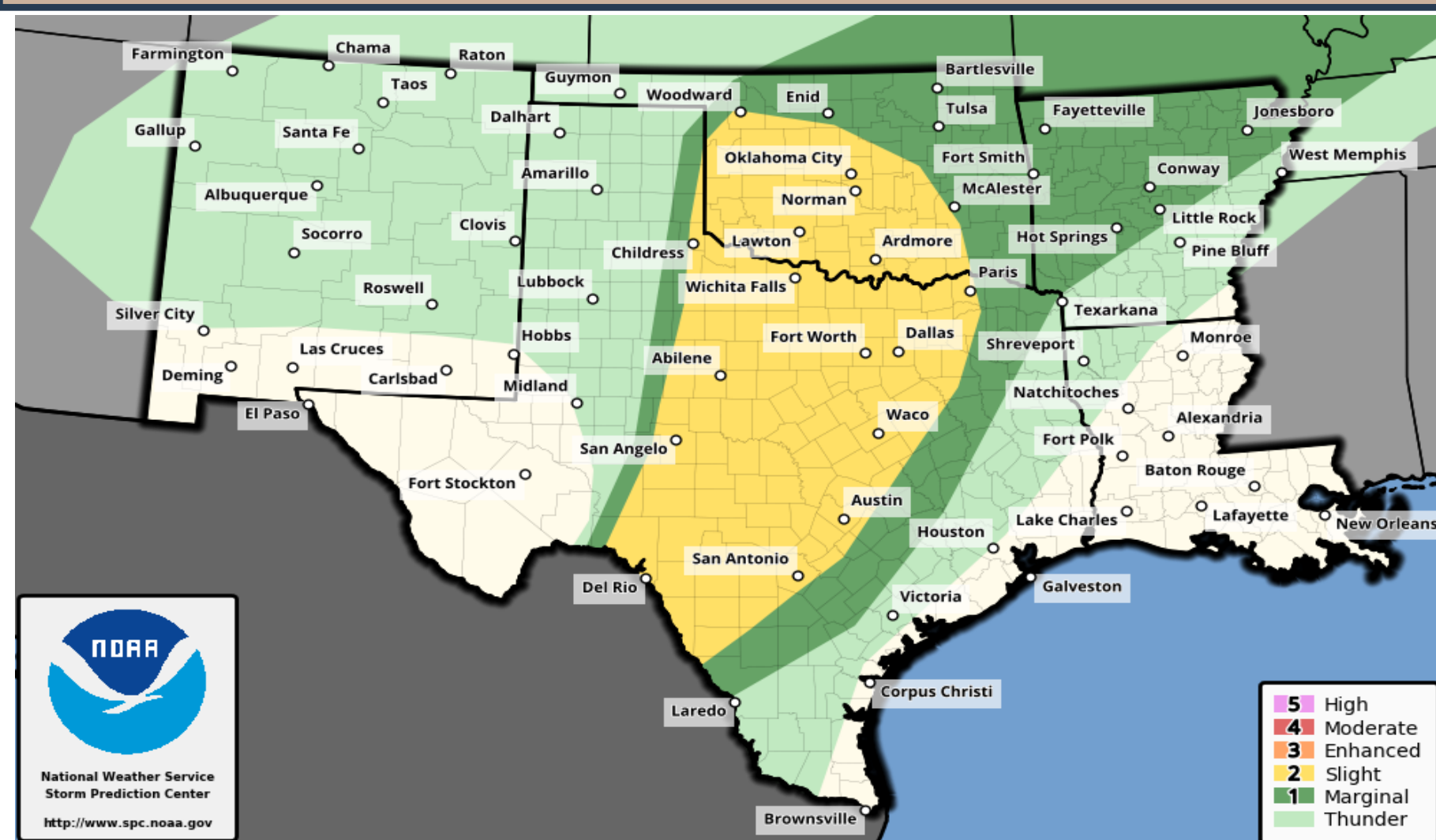
Forecast Rainfall



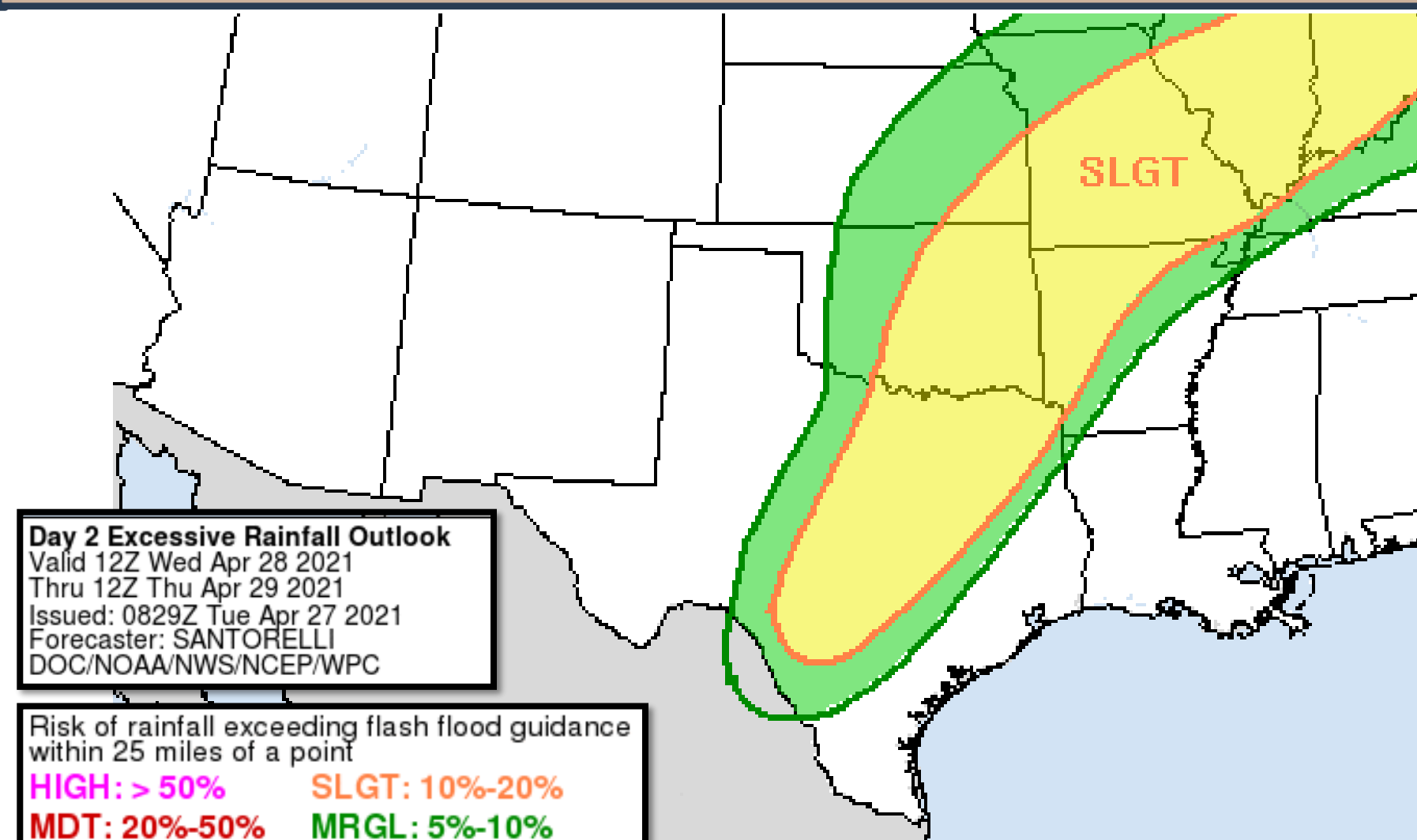
Areas of heavy rainfall/flash flooding likely across South-Central/Central/N TX into Central/Eastern OK, and Western AR.

Severe storms possible over SW/Central/N TX into OK.

Severe Weather Outlook

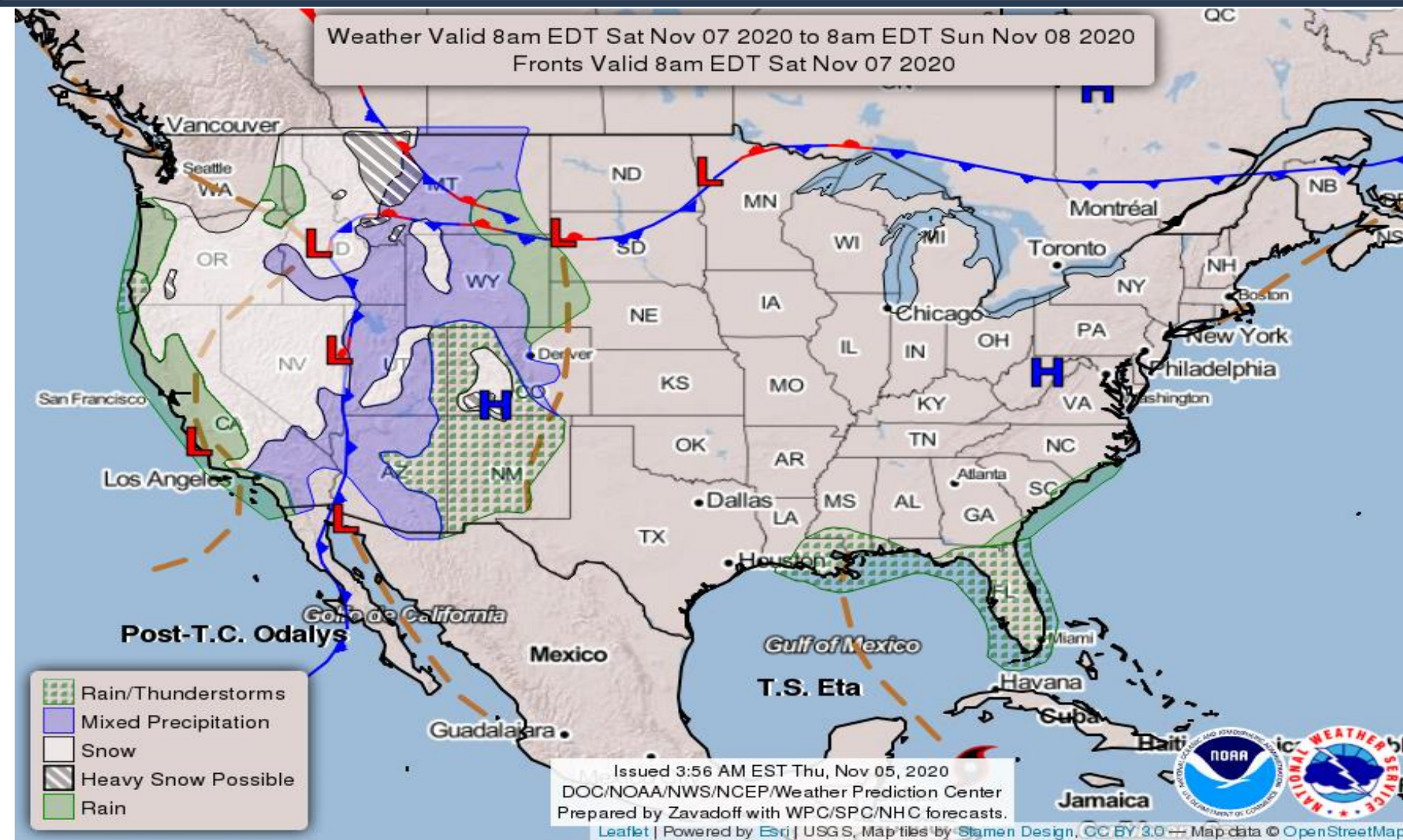


Excessive Rainfall Outlook

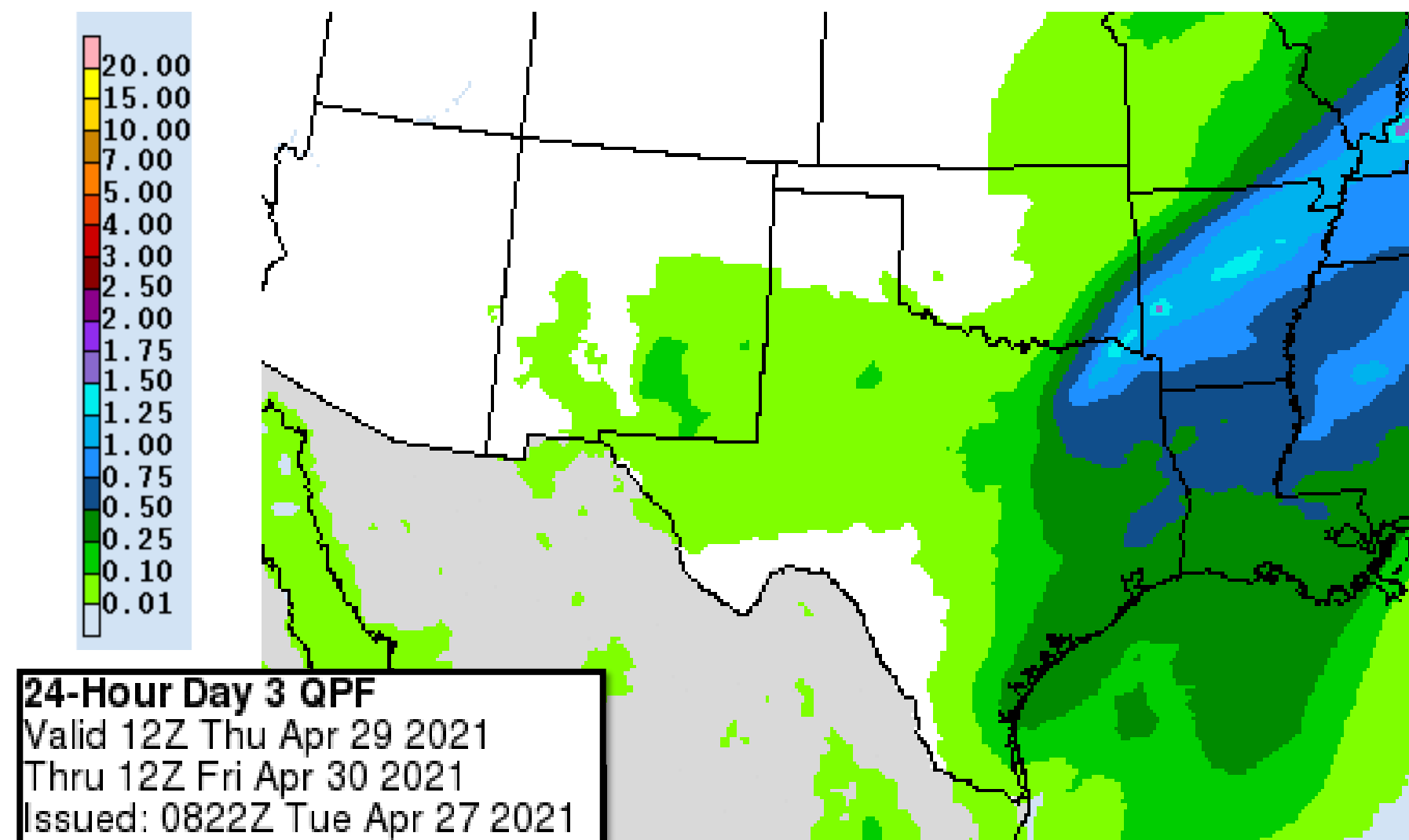


Thursday's Weather

Forecast Chart

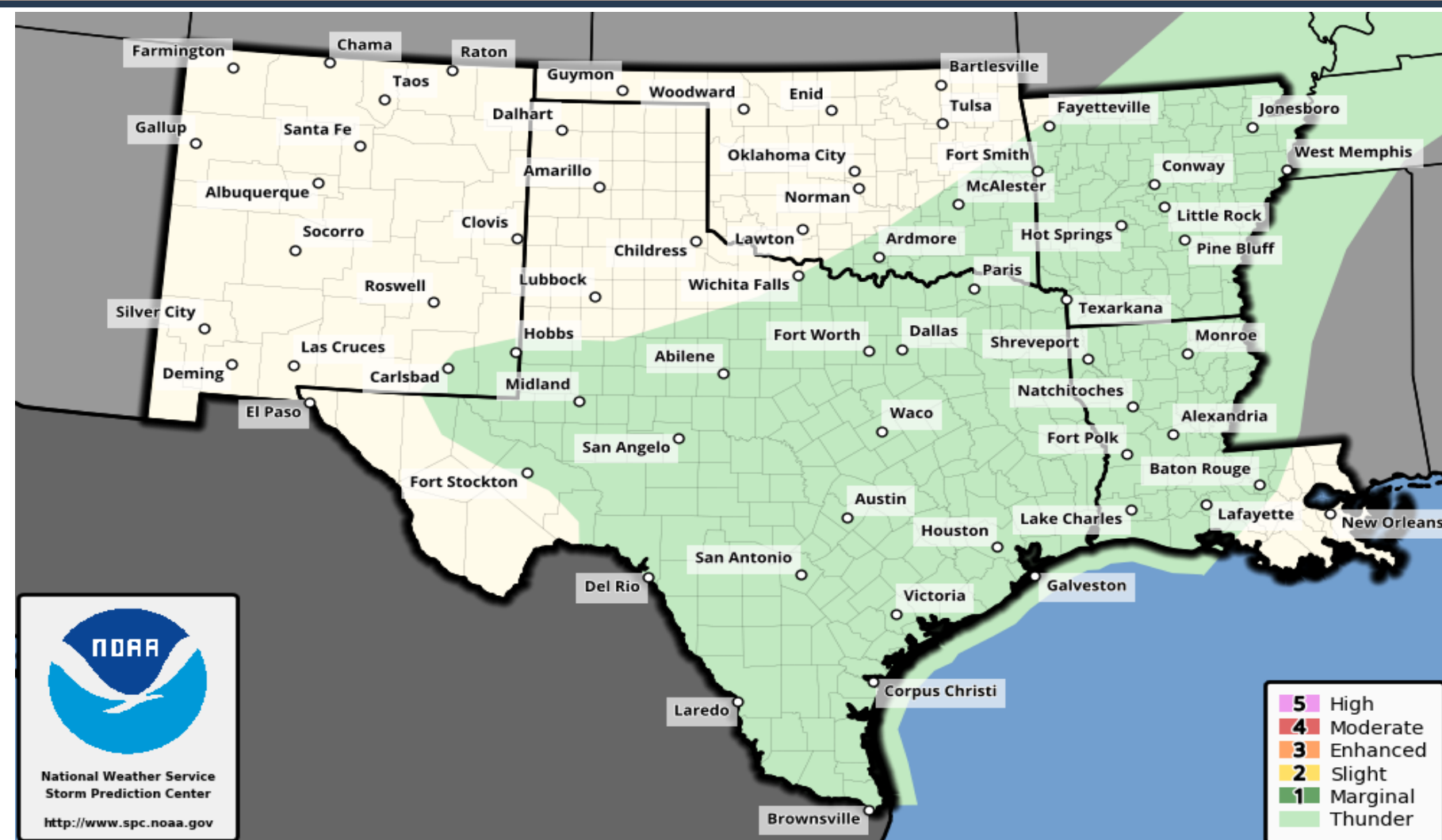


Forecast Rainfall

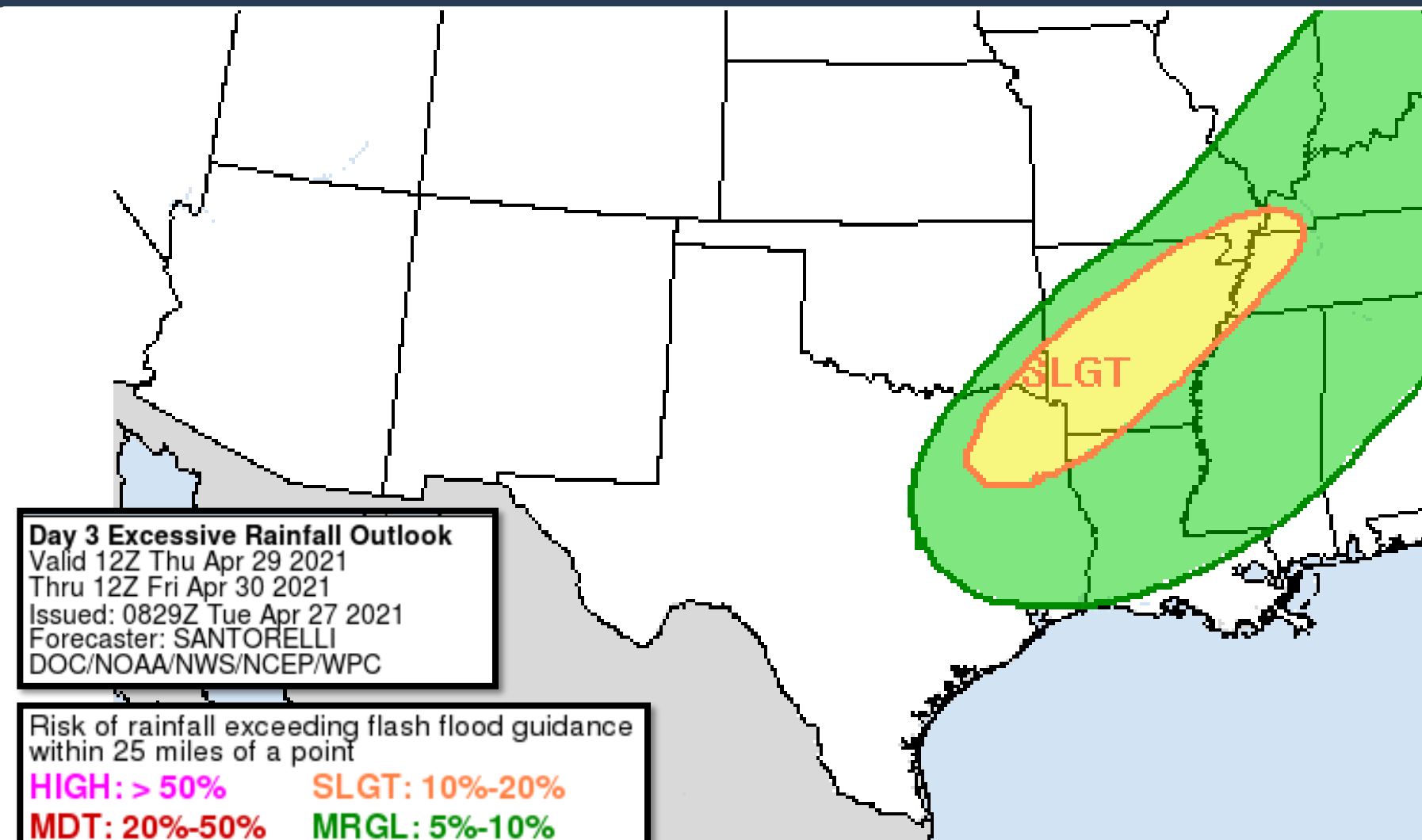


**Heavy rainfall/flash flooding
possible across
AR into the Arklatex.**

Severe Weather Outlook



Excessive Rainfall Outlook



Days 4-5 Weather Hazards

Friday - Saturday



SR ROC
REGIONAL OPERATIONS CENTER



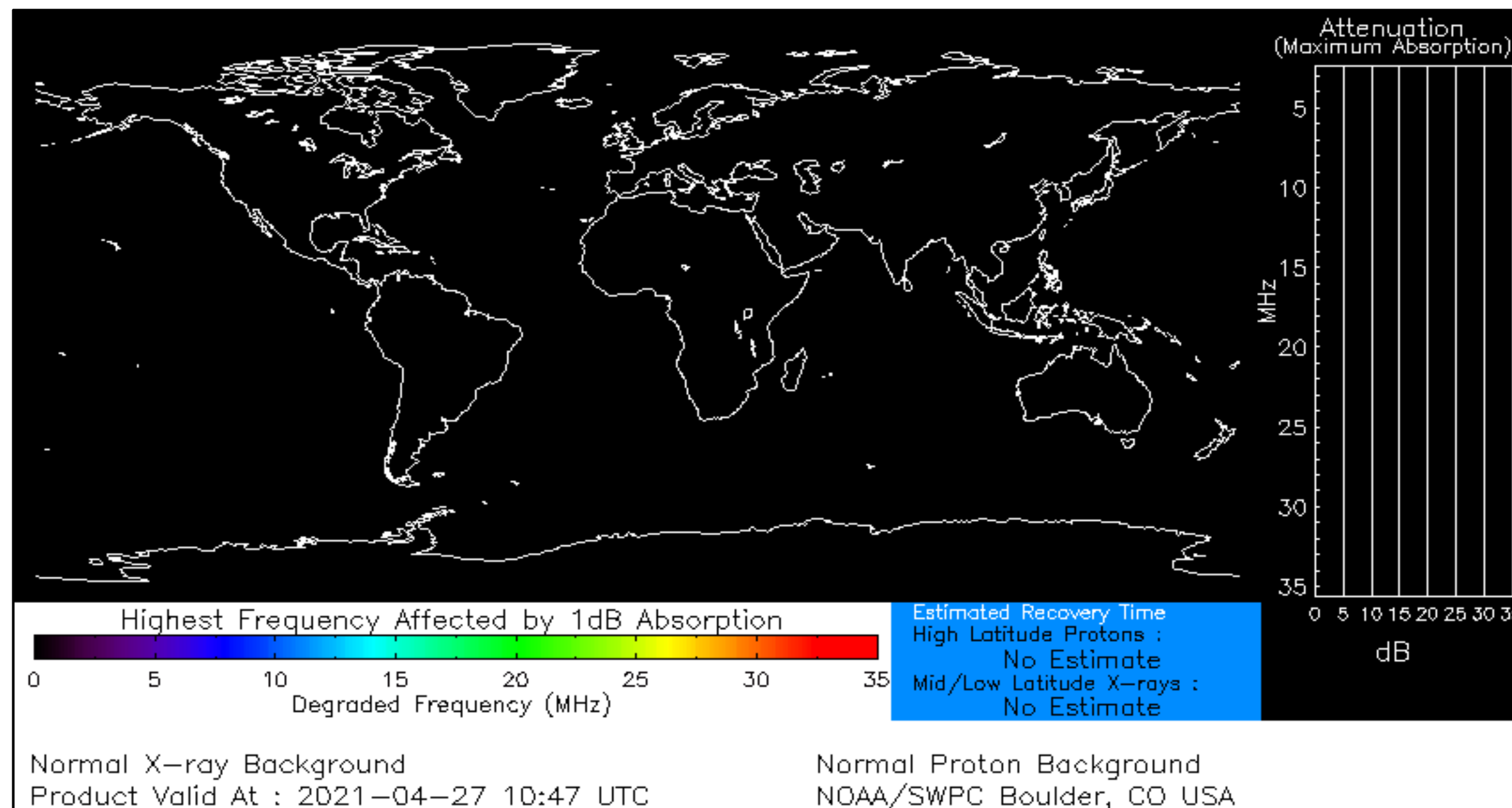
No significant weather impacts expected.

Space Weather 3-Day Forecast



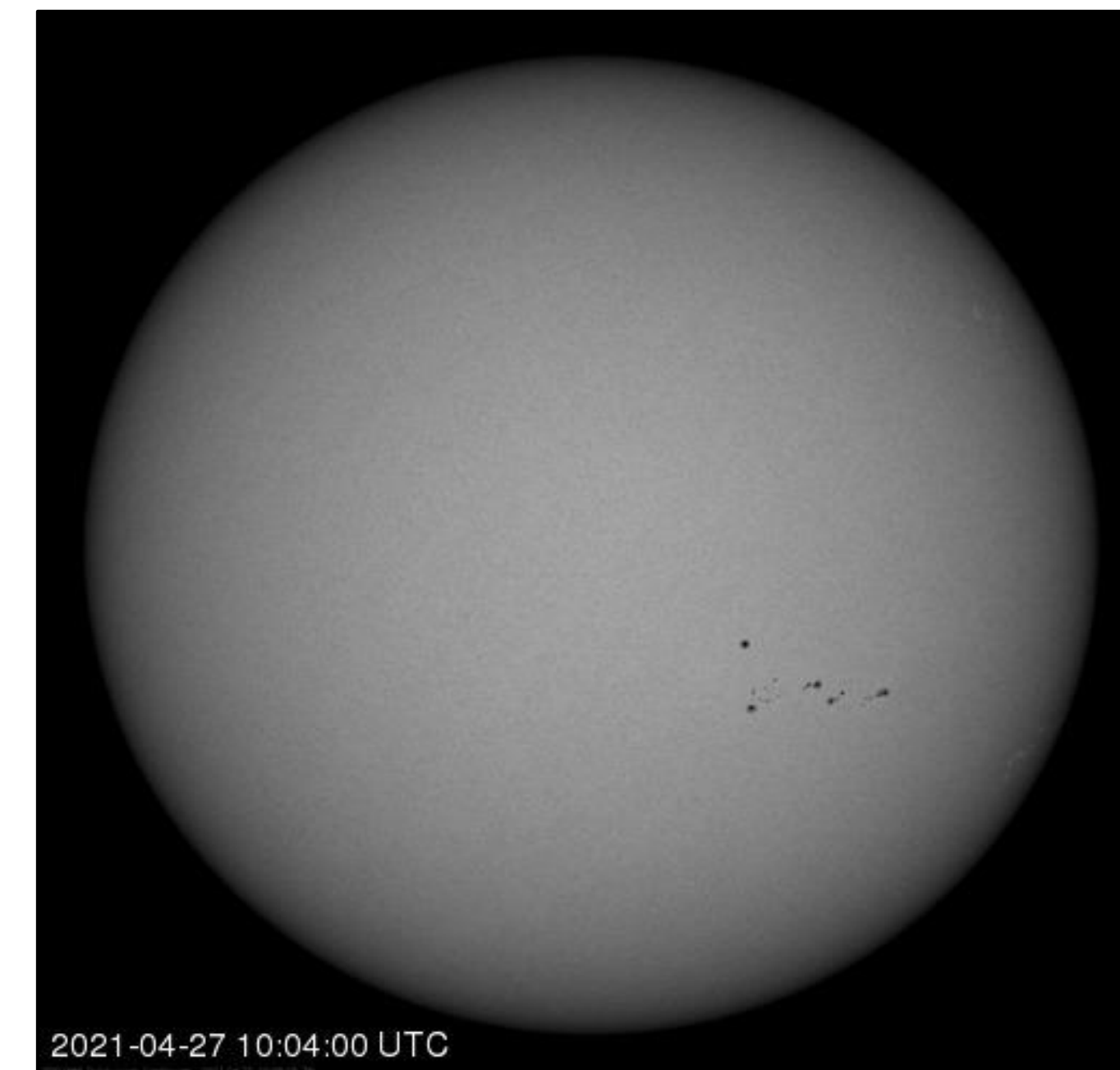
SR ROC
REGIONAL OPERATIONS CENTER

	Tuesday	Wednesday	Thursday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	10%	10%	5%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a
Description of the Space
Weather Storm Scales](#)

[Click here for the Latest
3-Day Space Weather
Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov